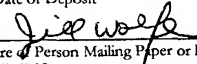


PATENT

"Express Mail" Mailing Label Number
EU853429915US

I hereby certify that this paper or fee is being deposited with the U.S.
Postal Service "Express Mail Post Office - to - Addressee" service under
37 CFR 1.10 on the date indicated below and is addressed to the Assistant
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

July 2, 2003
Date of Deposit


Signature of Person Mailing Paper or Fee

Jill Wolfe

Name of Person Signing

July 2, 2003

Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Lori K. Lewis et al.
Filing Date : herewith
For : SELF-OPTIMIZING CLASSIFIER
Attorney Docket No. : LM(F)6269

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This information disclosure statement is being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, in accordance with 37 CFR §1.56.

Below is a list of information of which persons substantively involved in the preparation of the application identified above, are aware and believe that a reasonable Examiner may consider important to deciding whether to allow the application. This statement is not a representation that no other relevant information exists, and is not an admission that any of the items is material as defined in 37 CFR §1.56(b). Copies of the listed patents and publications are enclosed. In accordance with 37 CFR §1.98(a) (2) (iii), no copies of listed U.S. Patent Applications are enclosed. A PTO Form 1449 is attached.

U.S. PATENT DOCUMENTS

U.S. Patent No. 5,276,770
U.S. Patent No. 5,377,307
U.S. Patent No. 5,473,730
U.S. Patent No. 5,479,572
U.S. Patent No. 5,561,741
U.S. Patent No. 5,600,758
U.S. Patent No. 5,640,493
U.S. Patent No. 5,699,487
U.S. Patent No. 5,720,002
U.S. Patent No. 5,826,249
U.S. Patent No. 5,832,466
U.S. Patent No. 5,835,901

U.S. Patent No. 5,877,954
U.S. Patent No. 5,943,661
U.S. Patent No. 6,018,728
U.S. Patent No. 6,038,556
U.S. Patent No. 6,049,793
U.S. Patent No. 6,185,470 B1
U.S. Patent No. 6,249,781 B1
U.S. Patent No. 6,269,351 B1
U.S. Patent No. 6,272,479 B1
U.S. Patent No. 6,336,109 B2
U.S. Patent No. 6,363,289 B1

OTHER DOCUMENTS

U.S. Patent Application Publication US 2002/0016782A1, Published February 7, 2002.

U.S. Patent Application Publication US 2001/0025232A1, Published September 27, 2001.

"High-Speed Learning System for Large-Scale Optical Neural Network"; Masahiko Mori, Yutaka Yagai, Toyohiko Yatagai

"Modeling and Forecasting the Information Sciences"; University of Calgary.

"An Overview of Neural Networks"; Adaptivity.

Respectfully submitted,



Robert B. Sundheim
Reg. No.: 20,127

TAROLLI, SUNDHEIM, COVELL
& TUMMINO, L.L.P.
526 Superior Avenue - Suite 1111
Cleveland, OH 44114-1400
(216) 621-2234
(216) 621-4072 (Facsimile)
Customer No.: 26294

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 6-89) PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: LM(F)6269

SERIAL NO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT(S): Lori K. Lewis et al.

(Use several sheets if necessary)

FILING DATE: herewith

GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5	2	7	6	7	7	0		1/4/94	Castelaz			
	5	3	7	7	3	0	7		12/27/94	Hoskins et al.			
	5	4	7	3	7	3	0		12/5/95	Simard			
	5	4	7	9	5	7	2		12/26/95	Marcantonio			
	5	5	6	1	7	4	1		10/1/96	Wasserman			
	5	6	0	0	7	5	8		2/4/97	Broese et al.			
	5	6	4	0	4	9	3		6/17/97	Skeirik			
	5	6	9	9	4	8	7		12/16/97	Richardson			
	5	7	2	0	0	0	2		2/17/98	Wang			
	5	8	2	6	2	4	9		10/20/98	Skeirik			
	5	8	3	2	4	6	6		11/3/98	Feidgajer			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER										DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
														YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	U.S. Patent Appln. Publication US2002/0016782A1, published February 7, 2002
	U.S. Patent Appln. Publication US2001/0025232A1, published September 27, 2001
	"High-Speed Learning System for Large-Scale Optical Neural Network", Masahiko Mori, Yutaka Yagai,
	Toyohiko Yatagai

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 6-89) PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: LM(F)6269

SERIAL NO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT(S): Lori K. Lewis et al.

(Use several sheets if necessary)

FILING DATE: herewith

GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5	8	3	5	9	0	1	11/10/98	Duvoisin, III et al.			
	5	8	7	7	9	5	4	3/2/99	Klimasauskas et al.			
	5	9	4	3	6	6	1	8/24/99	Katz			
	6	0	1	8	7	2	8	1/25/00	Spence et al.			
	6	0	3	8	5	5	6	3/14/00	Hutchison			
	6	0	4	9	7	9	3	4/11/00	Tomita			
	6	1	8	5	4	7	0	2/6/01	Pado et al.			
	6	2	4	9	7	8	1	6/19/01	Sutton			
	6	2	6	9	3	5	1	7/31/01	Black			
	6	2	7	2	4	7	9	8/7/01	Farry et al.			
	6	3	3	6	1	0	9	1/1/02	Howard			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Modeling & Forecasting the Information Sciences", Brian R. Gaines, Knowledge Science
	Institute, University of Calgary
	"An Overview of Neural Networks", Adaptivity

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent applicants' attorney.

FORM PTO-1449
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: LM(F)6269

SERIAL NO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use several sheets if necessary)*

APPLICANT(S): Lori K. Lewis et al.

FILING DATE: herewith

GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	6	3	6	3	2	8	9		3/26/02	Keller et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER										DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
														YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in compliance with MPEP §609;
 Draw line through citation if not in compliance and not considered. Include copy of this form with next
 communication to the patent applicants' attorney.